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Message Text

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ACTION NEA-10

INFO OCT-01 ISO-00 PM-05 NSC-05 SP-02 SS-15 PRS-01
CIAE-00 INR-07 NSAE-00 MCE-00 ACDA-12 NEAE-00
/058 W
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P 121317Z JAN 78
FM AMEMBASSY TEL AVIV
TO SECSTATE WASHDC PRIORITY 0550
SECDEF WASHDC PRIORITY
USCINCEUR VAIHAIGEN GER
CDR TRADOC FT MONROE VA/CG
DA WASHDC/DAMI-TST

S E C R E T SECTION 1 OF 2 TEL AVIV 0527

E.O. 11652: XGDS-2
TAGS:
SUBJECT: MEETING OF DR. PERRY, UNDER SECRETARY OF DEFENSE FOR RESEARC
H
AND ENGINEERING WITH LTG M. GUR, CHIEF OF THE GEN STAFF, IDF

1. DR. PERRY MET WITH GEN GUR FROM 1900 UNTIL 2000 HRS, 10 JAN, IN GEN GUR'S OFFICE. PRESENT WERE DR. PERRY'S PARTY, COLONEL BISSELL AND COLONEL WILLIAMS ON THE U.S. SIDE. GEN GUR, GEN INBAR (ATTACHE TO THE U.S.), AND THE CHIEF OF THE ISRAELI R&D, BG BETHALACHMI.

2. DR. PERRY OPENED HIS REMARKS BY INDICATING THAT HE BELIEVES THAT THE UNITED STATES AND ISRAEL HAVE COMPLI-MENTARY TALENTS AND ABILITIES WHICH CAN BE USED TO ADVANTAGE IN COOPERATIVE EFFORTS BETWEEN THE TWO COUNTRIES. HE POINTED OUT THE INFRASTRUCTURE ADVANTAGE OF THE UNITED STATES AND THE LARGE R&D PROGRAM FOR TACTICAL WARFARE SYSTEMS. HE THEN PRESENTED HIS VIEW OF THE ISRAELI ADVANTAGE WHICH HE BELIEVES TO BE ONE OF FLEXIBILITY AND SPEEED EXECUTED BY SMALL AGGRESSIVE
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ORGANIZATIONS. HE SAID THAT THE COMBINATION OF THIS QUICK REACTION CAPABILITY, TOGETHER WITH A VERY CLOSE USER - DEVELOPER RELATIONSHIP WHICH IS UNIQUE, BRIDGES THE GAP BETWEEN OPERATIONAL REQUIREMENTS AND OPTIMUM DESIGN RESULTS. AS A RESULT OF HIS OBSERVATIONS HE BELIEVES THAT HE CAN IDENTIFY SOME SPECIFIC CANDIDATES FOR POSSIBLE COOPERATIVE PROGRAMS. THE FIRST WOULD

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BE THE REALEASING OF U.S. TECHNOLOGY IN NIGHT VISION TO ISRAEL. HE BELIEVES THAT THIS WILL PROVIDE ISRAEL WITH A FORCE MULTIPLIER AND THAT THIS TECHNOLOGY SHOULD BE MADE AVAILABLE AS SOON AS POSSIBLE. THE NEXT SUBJECT CONCERNS THE FAMILY OF PRECISION GUIDED WEAPONS, THE DEVELOPMENT OF WHICH IS AT THE HIGHEST PRIORITY IN THE UNITED STATES PARTICULARLY AS APPLIED TO BAMBS AND ARTILLERY. HE REVIEWED THE HIT RESULTS OF TESTS CURRENTLY UNDER WAY OF GUIDED ARTILLERY SHELLS AND POINTED OUT THE GREAT ADVANTAGES ACCRUED BY SUCH RESULTS BOTH IN TARGET DESTRUCTION AND IN LOGISTICS. DR. PERRY INDICATED THAT LASER GUIDED BOMB DEVELOPMENTS ARE SIMILAR TO THOSE OF THE ARTILLERY WEAPONS AND THE RESULT MAY BE THAT FUTURE FORCES MAY NOT NEED AS MANY GUNS TARGETED ON INDEPENDENT TARGETS AND PERHAPS MAY NOT REQUIRE AS MANY AIRPLANES.

3. GENERAL GUR INSERTED THAT HE QUESTIONED WHETHER THE ARTILLERY PEOPLE WOULD ACCEPT THE CONCEPT THAT THE REQUIREMENT FOR BARRAGE OR HEAVY USE OF ARTILLERY WILL BE GREATLY EFFECTED BY THE INTRODUCTION OF PRECISION GUIDED MUNITIONS. DR. PERRY AGREED THAT THE ARTILLERY MIGHT NOT ACCEPT IT UNTIL THEY SEE IT, BUT WHEN THEY DO SEE IT THEY WILL QUICKLY ARRIVE AT THE CONCLUSION THAT THERE HAS BEEN A REVOLUTION IN ARTILLERY WARFARE. DR. PERRY STRESSED THAT THIS

REVOLUTION WOULD BE PARTICULARLY ADVANTAGEOUS TO ISRAEL BECAUSE OF LASER DESIGNATION CAPABILITIES GIVEN THE WEATHER ADVANTAGE THAT ISRAEL ENJOYS. HE MADE IT VERY CLEAR THAT THE INTRODUCTION OF THESE NEW SYSTEMS WILL REQUIRE NEW THOUGHT IN CONCEPTS, PARTICULARLY AS APPLIED TO TACTICAL EMPLOYMENT, AND THAT DESPITE THE OBVIOUS FACT THAT COUNTERMEASURES WILL COME TO THE BATTLEFIELD, THE PRECISION GUIDED WEAPONS ARE ALMOST HERE NOW AND THUS THE MILITARY MUST RETHINK THEIR TACTICS AND REDEFINE THEIR LOGISTICS.

4. GENERAL INBAR TOLD THE CHIEF OF STAFF THAT EARLIER DISCUSSIONS DURING THE DAY HAD RESULTED IN THE CONCLUSION THAT ANOTHER AREA FOR POSSIBLE COOPERATION CONCERNED TANK FIRE CONTROL SYSTEMS. HE POINTED OUT THAT DR. PERRY HAD BEEN SHOWN THE ISRAELI DEVELOPED COMPUTER FPR THE IDF TANK AND THAT HE WOULD BE SHOWN THE ISRAELI MINI-LASER RANGEFINDER DURING HIS VISIT. DR. PERRY CONCURRED THAT THIS IS INDEED ANOTHER AREA FOR POSSIBLE COOPERATION.

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P 121317Z JAN 78
FM AMEMBASSY TEL AVIV
TO SECSTATE WASHDC PRIORITY 0551
SECDEF WASHDC PRIORITY
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5. THE ARMORED PERSONNEL CARRIER, PARTICULARLY THE M-113, WAS THE NEXT SUBJECT OF DISCUSSION. DR. PERRY POINTED OUT THAT BECAUSE OF THE LARGE INVENTORIES IN BOTH THE U.S. FORCES AND IN THE IDF, THAT THE UPGRADING AND IMPROVEMENT OF THE M-113 WAS A MUTUAL PROBLEM PARTICULARLY IN VIEW OF THE CANCELLATION OF THE MICV OR IFV PROJECT BY THE UNITED STATES. HE SAID THAT HE FEELS THERE ARE POSSIBLE IMPROVEMENTS WHICH CAN BE INTRODUCED BUT THAT WE SHOULD WORK TOGETHER TO ARRIVE AT THE BEST COMBINATION OF SUCH IMPROVEMENTS. GEN GUR THEN DISCUSSED HIS CONCERN OVER THE COST OF SUCH IMPROVEMENTS, PARTICULARLY WHEN IT HAS BEEN VERY DIFFICULT FOR ANY ARMY IN THE WORLD (TO INCLUDE BOTH THE UNITED STATES ARMY AND THE IDF) TO DEFINE THE ROLE OF INFANTRY WHEN ENGAGED IN THE BATTLE TOGETHER WITH TANKS. AT THE PRESENT TIME HE BELIEVES THAT ALTHOUGH MORE PROTECTION WOULD BE DESIRABLE, THE COST WOULD BE PROHIBITIVE; AND THEREFORE THE IDF DECISION, AT LEAST AT PRESENT, IS THAT THE M-113 BE MAINTAINED IN ITS PRESENT CONFIGURATION. RISK WILL BE COMBINED WITH TACTICS IN ORDER TO ARRIVE AT THE BEST POSSIBLE
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TACTICAL IMPLOYMENT OF THE INFANTRY.

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6. GEN GUR THEN SPOKE ABOUT HIS CONCERN THAT THE UNITED STATES WAS NOT SPENDING ENOUGH EFFORT TO DEVELOP COUNTERMEASURES TO MINES AND OBSTACLES. HE BELIEVES THAT THE PROBLEM POSED TO THE ATTACKER, GIVEN THE ENVIRONMENT OF CLUSTER BOMBS, GUIDED MUNITIONS, SCATTERABLE MINES, ETC., WILL CAUSE THE ATTACKER TO STOP UNLESS COUNTERMEASURES, PARTICULARLY FOR MINES AND OBSTACLES, ARE DEVELOPED WHICH ALLOW THE MOVEMENT OF THE FORCES TO CONTINUE. DR. PERRY AGREED THAT THIS WAS ANOTHER AREA THAT HAD BEEN DISCUSSED FOR POSSIBLE COOPERATION.

7. DR. PERRY THEN EMPHASIZED THAT HE FELT THAT ONE AREA WHERE MUTUAL COOPERATION WOULD RESULT IN GREAT BENEFITS IS THAT OF TACTICAL INTELLIGENCE WITH SPECIFIC INTERESTS FOCUSED UPON SIGINT. HE BELIEVES THAT THE TALENT AND IDEAS AND EXPERIENCE OF ISRAEL, COMBINED WITH THE TECHNOLOGY POSSIBLY AVAILABLE FROM THE UNITED STATES, CAN RESULT IN GREAT IMPROVEMENT IN THE TACTICAL INTELLIGENCE AREA. THE TASK IS TO GET REMOTELY OPERATED EQUIPMENT IN THE TACTICAL BATTLEFIELD COMBINED WITH RAPID PROCESSING OF DATA TO THE USER SO THAT DECISIONS MAY BE MADE BASED UPON IMMEDIATE INFORMATION. GENERAL GUR CONCURRED AND INDICATED THAT THERE IS A MIND-SET WHICH DOES NOT ALLOW INTELLIGENCE TO BE PROPERLY USED AT THE PRESENT TIME DESPITE THE FACT THAT OFFICERS MAY HAVE THE INTELLIGENCE AT THEIR FINGERTIPS. HE BELIEVES THAT THIS CAN BE OVERCOME BUT ONE OF THE MOST CRITICAL AREAS IS THE COMMUNICATIONS CAPA-BILITY, I.E., THE PROCESSIOD OF THE ESSENTIAL DATA

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TO THE USER SO THAT THE DECISION MAY BE MADE. DR. PERRY THEN DESCRIBED A REMOTELY CONTROLLED INTELLI-GENCE SYSTEM AND THE VALUE OF REAL TIME INFORMATION THAT SUCH SYSTEMS PROVIDE. GENERAL GUR BELIEVES THAT ISRAEL CAN CONTRIBUTE TO THE TACTICAL INTELLIGENCE EFFORT AND RECOMMENDED CONTINUED COOPERATION. IT WAS NOTED THAT THE MECHANISM FOR SUCH COOPERATION ALREADY EXISTS IN THE FORM OF THE TACTICAL INTELLIGENCE EXCHANGES BETWEEN THE IDF AND THE US ARMY ACSI.

8. IN CONCLUSION, DR. PERRY TOLD GENERAL GUR THAT HIS (DR. PERRY'S) MAIN PROBLEM IS TO ARRIVE AT A SELECTIVE FOCUS ON WHAT IS NEEDED ON THE TACTICAL BATTLEFIELD SO THAT THE 50 BILLION DOLLARS OF U.S. R&D AND SYSTEM ACQUISITION FUNDS CAN BE PROPERLY AND BEST UTILIZED. GENERAL GUR, RATHER THAN

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FOCUSING ON ANY PARTICULAR TECHNOLOGY THAT MIGHT BE INVOLVED IN SUCH EFFORTS, STATED THAT HE BELIEVES THAT THE FOCUS OF ANY MILITARY PLANNING OR RESEARCH EFFORT AT THIS TIME SHOULD BE THE DEVELOPMENT OF THE CAPABILITY OF MAINTAINING MOMENTUM ON THE GROUND, IN THE AIR, AND ON THE SEA. THE MAINEFFECT OF CURRENT NEW TECHNOLOGY, AS HE SEES IT, IS TO STOP THE ADVANCING FORCE AND THUS FUTURE DEVELOPMENT EFFORTS MUST BE DIRECTED TO KEEPING THAT FORCE MOVING.

9. DR. PERRY REVIEWED AND APPROVED THIS MESSAGE AND AMEMBASSY TEL AVIV 0482.
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